

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-554-2

Relating to Exemptions Under Section 27156  
of the Vehicle Code

DOUG'S HEADERS  
EXHAUST HEADERS

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Exhaust Headers, manufactured and marketed by Doug's Headers, 1391 Dodson Way, Riverside, California, 92507 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the vehicle applications listed in Exhibit A, **excluding those equipped with a close coupled catalyst.** The engine test groups of vehicles excluded from this Executive Order are also listed in Exhibit A.

The Exhaust Headers are manufactured out of 16 gage stainless steel or 14 gage mild steel. The Exhaust Header is a long tube design which may include a Y-pipe on applications for Ford trucks and engines. All emission components are retained in their original location.

This Executive Order is valid provided that the installation instructions for the Exhaust Headers will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

This Executive Order shall not apply to any Exhaust Headers advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the Exhaust Headers, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Exhaust Headers using any identification other than that shown in this Executive Order or marketing of the Exhaust Headers for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

Exemption of the Exhaust Headers shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect the use of the Exhaust Headers may have on any warranty either expressed or implied by the vehicle.

This Executive Order is granted based on emissions test data generated on a 2004 model-year 5.7L Dodge Ram certified to the Super Ultra Low-Emission Vehicle (SULEV) emission standards, and a 2001 model-year 6.8L Ford F-350 certified to the Low-Emission Vehicle (LEV) emission standards. Emission levels of the modified vehicles met the applicable emission standards over the Cold-Start CVS-75 Federal Test Procedure (FTP) and the US06 test cycle (Dodge Ram only). Results are in grams per mile with deterioration factors applied to the CVS-75 test results:

<b>Dodge Ram</b>	<b>CVS-75</b>				<b>US06</b>	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	0.125	3.4	0.14	0.015	0.40	10.5
Device	0.107	1.4	0.09	0.001	0.15	3.6

<b>Ford F-350 w/50k</b>	<b>CVS-75</b>			
	NMOG	CO	NOx	HCHO
Standards (50K)	0.195	5.0	0.6	0.022
Device	0.179	0.9	0.6	0.004
Standards (UL)	0.280	7.3	0.9	0.032
Device	0.214	1.4	0.8	0.004

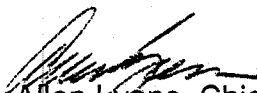
This Executive Order is also based on an On-Board Diagnostic II (OBD II) test conducted on the same test vehicles. Test data showed that the headers when installed on the vehicles did not affect the vehicle's ability to perform its OBD II monitoring.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE EXHAUST HEADERS.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 23<sup>RD</sup> day of March 2004.

  
Allen Lyons, Chief  
Mobile Source Operations Division

## FORD TRUCK

### F-250 & F-350 SUPER DUTY

	<u>Std. Coat</u>	<u>Ceramic</u>	<u>Stainless</u>
1997-03 6.8L V-10 no/EGR 2 WD & 4 WD	D6620	D6620-C	D6620-SS
1997-03 6.8L V-10 w/EGR 2 WD & 4 WD	D6621	D6621-C	D6621-SS
1994-97 460 CID V-8 w/AIR 2 WD & 4 WD	D6630	D6630-C	D6630-SS

### F-150, F250, & F-350

1987-97 460 CID FI V-8 2 WD & 4 WD	D6614Y	D6614Y-C	D6614Y-SS
1980-87 302,351W V-8 2 WD & 4 WD	D6648Y	D6648Y-C	D6648Y-SS
1980-82 351-400M V-8 2 WD & 4 WD	D6615	D6615-C	D6615-SS

## SUV

### EXPEDITION

1997-01 5.4L V-8 (excluding close coupled catalyst models) 2 WD & 4 WD	D6654	D6654-C	D6654-SS
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### EXCURSION

1997-02 6.8L V-10 no/EGR 2 WD & 4 WD	D6620	D6620-C	D6620-SS
1997-02 6.8L V-10 w/EGR 2 WD & 4 WD	D6621	D6621-C	D6621-SS

## MOTORHOMES

### FORD CHASSIS (Class A)

	<u>Std. Coat</u>	<u>Ceramic</u>	<u>Stainless</u>
1997-03 6.8L V-10 no/EGR	D6610	D6610-C	D6610-SS
1997-03 6.8L V-10 w/EGR	D6611	D6611-C	D6611-SS
1982-98 460 CID V-8 w/Cat	D6632	D6632-C	D6632-SS

**DEERE/OSHKOSH CHASSIS**

1982-98 460 CID V-8	D6633	D6633-C	D6633-SS
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**E-SUPER-DUTY CHASSIS** (Class C)

1997-03 6.8L V-10 no/EGR	D6645	D6645-C	D6645-SS
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1997-03 6.8L V-10 w/EGR	D6646	D6646-C	D6646-SS
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**E-350 CHASSIS** (Class C)

1997-03 6.8L V-10 no/EGR	D6612	D6612-C	D6612-SS
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1997-03 6.8L V-10 w/EGR	D6613	D6613-C	D6613-SS
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1996-97 460 CID V-8 no/AIR	D6637	D6637-C	D6637-SS
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1996-97 460 CID V-8 w/AIR			
3 bolt Cat	D6636	D6636-C	D6636-SS

1993-97 460 CID V-8 w/AIR			
3" Rd. Cat inlet	D6635	D6635-C	D6635-SS

1992-93 460 CID V-8			
4 bolt Cat	D6638	D6638-C	D6638-SS

**DODGE****RAM PICK-UP**

		<u>Std. Coat</u>	<u>Ceramic</u>	<u>Stainless</u>
2004 5.7L Hemi	1500			
	2 WD	D4471	D4471-C	D4471-SS
2004 5.7L Hemi	1500			
	4 WD	D4459	D4459-C	D4459-SS
2004 5.7L Hemi	2500			
	2 WD	D4455	D4455-C	D4455-SS
2004 5.7L Hemi	2500			
	4 WD	D4470	D4470-C	D4470-SS
2004 5.7L Hemi	3500			
	2 WD	D4454	D4454-C	D4454-SS
2004 5.7L Hemi	3500			
	4 WD	D4472	D4472-C	D4472-SS
2003 5.7L Hemi	1500			
	2 WD	D4458	D4458-C	D4458-SS
2003 5.7L Hemi	1500			
	4 WD	D4456	D4456-C	D4456-SS
2003 5.7L Hemi	2500			
	2 WD	D4452	D4452-C	D4452-SS
2003 5.7L Hemi	2500			
	4 WD	D4457	D4457-C	D4457-SS
2003 5.7L Hemi	3500			
	2 WD	D4453	D4453-C	D4453-SS
2003 5.7L Hemi	3500			
	4 WD	D4473	D4473-C	D4473-SS
*2002 318-360	1500			
	2 WD	D4461	D4461-C	D4461-SS
*2002 318-360	1500			
	4 WD	D4465	D4465-C	D4465-SS
*2002 318-360	2500			
	2 WD	D4464	D4464-C	D4464-SS
*2002 318-360	2500			
	4 WD	D4466	D4466-C	D4466-SS
*2002 360	3500			
	2 WD	D4474	D4474-C	D4474-SS

**Exhibit A****D-554-2**

		<u>Std. Coat</u>	<u>Ceramic</u>	<u>Stainless</u>
*2002 360	3500			
	4 WD	D4475	D4475-C	D4475-SS
*1994-00 318-360 1500 & 2500				
	2 WD	D4462	D4462-C	D4462-SS
*1994-00 318-360 1500 & 2500				
	4 WD	D4463	D4463-C	D4463-SS

**DURANGO & DAKOTA**

*1997-00 318-360 2 WD	D4496	D4496-C	D4496-SS
*1997-00 318-360 4 WD	D4497	D4497-C	D4497-SS
2004 5.7L Hemi 2 & 4 WD	D4476	D4476-C	D4476-SS

The following Chrysler engine test groups with a close coupled catalyst are excluded from this Executive Order.

**\*2000 Model-Year**, YCRXA0360H31, YCRXA0360J31, **2001 Model-Year**, 1CRXA0360H38, 1CRXA0360H41, 1CRXA0360J38, 1CRXA0360J41, 1CRXA0360K38, 1CRXA0360K41, 1CRXT05.92D1, 1CRXT05.95B5, **2002 Model-Year**, 2CRXA0360J40, 2CRXA0360H41, 2CRXA0360H40, and 2CRXT05.92D0.